

eMAR project



eMAR

- What ?
- Technology stack
- Screens

What

- eMAR (electronic Medication Administration Record) system is a digital documentation tool used in healthcare settings to ensure the safe and accurate administration of medications to patients.
- A MAR system is a comprehensive record-keeping system that provides healthcare professionals, such as nurses and physicians, with a detailed and organized overview of a patient's prescribed medications.


What

- **Patient Information:** This section includes the patient's name, identification number, date of birth, and other relevant demographics.
- **Medication Details:** A list of all medications prescribed to the patient, including the drug name, dosage, route of administration, and frequency. It may also include special instructions, such as "take with food" or "do not crush."
- **Administration Schedule:** A clear schedule indicating when each medication should be administered, whether it's daily, weekly, or on an as-needed basis.
- **Medication Administration Records:** Columns or sections where healthcare providers document each administration of medication. This includes the date and time of administration, the person administering the medication, and any observations or notes about the patient's response.

Technology stack

- C# & .NET Core (BackEnd)
- React (FrontEnd)
- SQL server (application database)
- Azure (hosting)
- Git (source control)
- Mircoservice architecture
- DDD, Clean code
- Hangfire
- SignalR

Patient profile

Curenta

Operations

Med Pass

Employees

Drivers


Medications


Facilities

Patients

+

🔔

Curenta1 Super Adm



Kirolos EMAR

01-01-1991

Edit

Wing

Wing 1

Room Number

Main Diagnosis

This is the main diagnosis for the patient. main diagnosis main diagnosis main diagnosis main diagnosis

Allergies

Avocado, Balsam of Peru, Banana, Cats, Celery, Cigarette smoke, Cleaning products

Search

Medications

Med-History

MAR

Tasks

Documents

Notes

Tylenol 325 mg tablet

Refills :
Next Refill :
Note :

Directions : Take 1 bill twice ...
Indication :

Wera (28) 0.5 mg-35 mcg tablet

Refills :
Next Refill : 07-08-2023
Note :

Directions : Take 1 bill six tim...
Indication :

L.acidophilus-L.paracasei-B.bifidum-S.thermophl 8 ...

Refills :
Next Refill :
Note :

Directions : 1
Indication :

L. acidophilus, paracasei, B. lactis 10 billion ce...

Refills : 1
Next Refill : 04-17-2023
Note :

Directions : Take 1 bill when ...
Indication : testttttt

Ibuprofen 200 mg ORAL capsule

Refills :
Next Refill :
Note :

Directions : Take 1 bill four ti...
Indication :

Zetia 10 mg tablet PRN

Refills :
Next Refill :
Note :

Directions : Take 1 bill when ...
Indication :

Panadol Extra1 PRN

Refills :
Next Refill :
Note :

Directions : Take 1 bill when ...
Indication :

Deoxia 1 %-4 % topical gel PRN CYCLE

Refills :
Next Refill :
Note :

Directions : Take 1 bill when ...
Indication :

Gatifloxacin sesquihydrate (bu... PRN CYCLE

Refills : 5
Next Refill :
Note : Notes

Directions : 4
Indication : indication

Print Medication Profile

+ Add New Medication

Medication details

Save Medication



Medication Name *
Tylenol 325 mg tablet

Directions *
Take 1 bill twice daily

Frequency *
twice daily

Time *
06:00 AM

Time *
06:00 PM

Dosage *
1

Dosage Form *
Tablet

Quantity *
1

Route
Oral

Strength
325

Strength Unit
Mg

Indication

Refills Allowed

Refills Remaining

Next Refill

Start Date *
07-27-2023

End Date *
07-27-2023

Payer

RX Notes

☐ Cycle

☐ PRN

☐ DAW

 Save Medication

Med pass



Resident name
5 - 3 - 1934

Room number
123

Main diagnosis
1. lunge cancer
2. Cerebral Palsy

Allergies
Peanuts,Pollen

Diet
text to be here

Notes
The point of using Lorem
Ipsum is that it test

Resuscitation
Peanuts,Pollen

Status
● Active

Med pass

Medication Name		Instructions	Administered	Time or reason	Refill
Acetaminophen 650 mg RECTAL suppository, rectal		Take one tab po QD	<input checked="" type="radio"/> Yes <input type="radio"/> No	9:00 pm (01 - 01 - 2022)	<input checked="" type="checkbox"/>
Acetaminophen 650 mg RECTAL suppository, rectal		Take one tab po QD	<input type="radio"/> Yes <input checked="" type="radio"/> No	[Select reason] ▾	<input checked="" type="checkbox"/>
Acetaminophen 650 mg RECTAL suppository, rectal		Take one tab po QD	<input checked="" type="radio"/> Yes <input type="radio"/> No	9:00 pm (01 - 01 - 2022)	<input checked="" type="checkbox"/>
Acetaminophen 650 mg RECTAL suppository, rectal	PRN	Take one tab po QD	<input type="radio"/> Yes <input checked="" type="radio"/> No	[Select reason] ▾	<input type="checkbox"/>
Acetaminophen 650 mg RECTAL suppository, rectal	PRN	Take one tab po QD	<input type="radio"/> Yes <input checked="" type="radio"/> No	[Select reason] ▾	<input type="checkbox"/>
Acetaminophen 650 mg RECTAL suppository, rectal	PRN	Take one tab po QD	<input type="radio"/> Yes <input checked="" type="radio"/> No	[Select reason] ▾	<input type="checkbox"/>

Complete med pass

MAR view



Resident name
5 - 3 - 1934

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Resuscitation
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Status
● Active

Monday - 01/01/2023

MedicationsMed - HistoryMARTasksDocuments

as of [9:00 am]	9:00 am	10:00 am	11:00 am	12:00 am	1:00 pm	2:00 pm
Acetaminophen 650 mg RECTAL suppository, rectal	●					
Acetaminophen 650 mg RECTAL suppository, rectal	●					
Acetaminophen 650 mg RECTAL suppository, rectal	●					
Acetaminophen 650 mg RECTAL suppository, rectal	●					
Acetaminophen 650 mg RECTAL suppository, rectal			●			
Acetaminophen 650 mg RECTAL suppository, rectal			●			

Print MAR